

Converting Colors

XYZ(66.7761, 57.1820, 57.1482)

Have a look what the booklet for
XYZ(66.7761, 57.1820, 57.1482)
contains.

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Color

**XYZ(66.8745, 57.3060,
57.4057)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3C0
RGB	255, 179, 192
RGB Percent	100%, 70%, 75%
CMY	0.0000, 0.2980, 0.2471
CMYK	0.00, 0.30, 0.25, 0.00
HSL	350°, 100%, 85%
HSV	350°, 30%, 100%
XYZ	66.8745, 57.3060, 57.4057
YIQ	203.2060, 41.1230, 20.1550

Conversions

Conversions Part 2

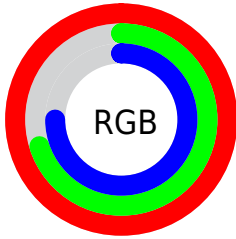
Format	Color
R_{YB}	255, 179, 192
Decimal	16757696
CIE _{Lab}	80.35, 29.40, 4.55
CIE _{LCh}	80, 29.753, 8.802
Yxy	57.3060, 0.3683, 0.3156
Android (android.graphics.Color)	4294947776 (0xFFFFB3C0)
YUV	203.2060, -5.5246, 45.4233
Hunter-Lab	75.7007, 25.2118, 8.0295

Details

The XYZ color **66.8745, 57.3060, 57.4057** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.3797, 87.5156, 97.1913**, and the grayscale version is **56.9110, 59.8748, 65.2037**.

A 20% lighter version of the original color is **87.8916, 87.4540, 101.0549**, and **35.1470, 28.6561, 28.1048** is the 20% darker color. If you saturate the color by 10%, you get **60.0518, 47.1436, 44.3936**, and if you desaturate by 10%, it is **74.9816, 69.4982, 72.5071**.

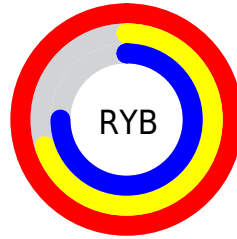
Distribution



Red (100%)

Green (70%)

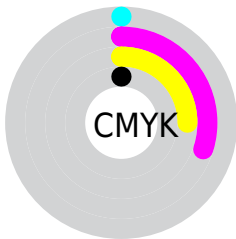
Blue (75%)



Red (100%)

Yellow (70%)

Blue (75%)

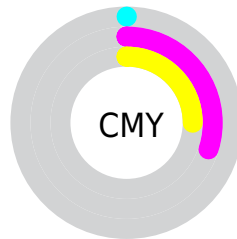


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.8745, 57.3060, 57.4057 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 66.8745, 57.3060, 57.4057 by changing the saturation by 10% instead.


 66.8745, 57.3060,
57.4057

 66.8745, 57.3060,
57.4057


438.9374,
414.5949, 432.5040

 49.2530, 41.2510,
40.9195

 113.7914,
100.9115, 102.5631

 35.0356, 28.5152,
27.9370


143.8174,
129.2308, 132.0714

 23.8569, 18.7144,
18.0395

178.7090,
162.4070, 166.7576

 15.3517, 11.4641,
10.8086

218.8314,
200.8245, 207.0400

 9.1545, 6.3799,
5.8258

264.5502,
244.8676, 253.3374

 4.9000, 3.0774,
2.6723


316.2305,

 2.2229, 1.1723,


294.9208, 306.0681


0.9295


374.2378,
351.3684, 365.6508


 0.7547, 0.0389,
0.0000


 0.0000, 0.0000,
0.0000


 66.8745, 57.3060,
57.4057


 66.8745, 57.3060,
57.4057

 60.0518, 47.1436,
44.3936

 74.9816, 69.4982,
72.5071

 54.4427, 38.8931,
33.3747

 84.4302, 83.8139,
89.7810

 49.9761, 32.4365,
24.2506

95.0500, 100.0000,
108.9000

 46.5716, 27.6396,
16.9128

■ 44.1381, 24.3489,
11.2419

■ 42.5684, 22.3826,
7.1027

■ 41.7006, 21.4530,
4.3283

■ 41.6872, 21.4389,
4.2851

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.1271, 57.3060, 75.3214



66.8745, 57.3060, 57.4057



64.1094, 57.3060, 43.6576

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.8745, 57.3060, 57.4057



47.4565, 57.3060, 39.7461



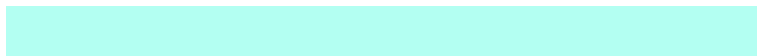
50.3434, 57.3060, 99.1642

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66.8745, 57.3060, 57.4057



70.3797, 87.5156, 97.1913

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.8445, 57.3060, 85.8510



66.8745, 57.3060, 57.4057



44.2661, 57.3060, 51.0418

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.8745, 57.3060, 57.4057



52.6959, 57.3060, 34.7832



43.6988, 57.3060, 67.6685



56.2786, 57.3060, 101.7379

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.8745, 57.3060, 57.4057



60.7593, 57.3060, 37.8879



43.6988, 57.3060, 67.6685



48.6260, 57.3060, 95.6920

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66.8760, 57.3086, 57.4069



85.2473, 85.0560, 91.2618



70.4702, 58.1755, 102.1226



17.9303, 17.7250, 18.9606



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.8760, 57.3086, 57.4069



62.4991, 50.7760, 49.1003



70.7501, 67.2604, 51.9049



18.1361, 18.0378, 19.3339



21.8192, 11.2170, 2.4323



2.1580, 1.1056, 0.4133

Inverse Universe

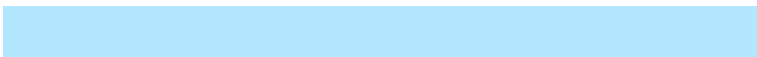
The Inverse Universe completely reimagines the original color for something new.



66.8760, 57.3086, 57.4069



62.4991, 50.7760, 49.1003



65.1997, 73.9202, 105.4394



18.1361, 18.0378, 19.3339



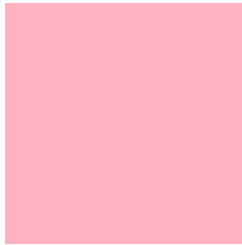
21.8192, 11.2170, 2.4323



2.1580, 1.1056, 0.4133

Previews

White Background



This preview shows how the XYZ color 66.8745, 57.3060, 57.4057 looks on a white background.

Color Contrast Check

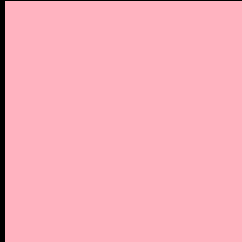
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 66.8745, 57.3060, 57.4057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8745, 57.3060, 57.4057

Background



This preview shows how black text looks on a background with the XYZ color 66.8745, 57.3060, 57.4057.



This preview shows how white text looks on a background with the XYZ color 66.8745, 57.3060,

57.4057.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

66.8745, 57.3060, 57.4057

Protanopia

55.5600, 57.7152, 64.7117

Deuteranopia

58.6867, 57.5020, 56.1500



Tritanopia

66.9857, 57.3505, 57.9913

Trichromacy



Original Color

66.8745, 57.3060, 57.4057



Protanomaly

58.9772, 57.1949, 61.9641



Deuteranomaly

61.5384, 57.3463, 56.5407



Tritanomaly

66.9857, 57.3505, 57.9913

Monochromacy



Original Color

66.8745, 57.3060, 57.4057



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

59.7248, 58.2367, 62.1258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8745, 57.3060, 57.4057 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 179, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 192)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 179, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 192) }
```

Border

The CSS property to change the border of an element to XYZ 66.8745, 57.3060, 57.4057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 179, 192) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 179, 192) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 179, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8745, 57.3060, 57.4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 192) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
179, 192) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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